

FREELANCER MANAGEMENT SYSTEM (CODEWORK)

A MINI PROJECT REPORT

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Of

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CERTIFICATE DATE:07/11/2020

This is to certify that the Project entitled “**FREELANCER MANAGEMENT SYSTEM (CODEWORK)**” has been carried out by KRUNAL BHAVSAR (2016095900000807) GAURANG PARMAR (2016095900000684) under the guidance of prof. Dr. Idrish Sandhi in fulfilment of the degree of Master of Computer Application of Sankalchand Patel University, Visnagar during the academic year 2020-21.

Dr. Idrish Sandhi

HOD

Dr. Idrish Sandhi

Dr. Tulsidas Nakrani

Internal Guide

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We would like to thank everyone who helped in our project. We have this great opportunity to express our deep gratitude to our Mentor Mr. of SPCE MCA College, Visnagar for his timely and valuable guidance as well as for responding faith and confidence on us throughout the duration of our project whenever needed. Lastly it is our great pleasure to acknowledge our obligation to all those who were directly or indirectly involve in making our partial project a successful piece of work.

Your Faithfully,
Krunal Bhavsar.
Guarang Parmar.

ABSTRACT

We provide information about freelancers and freelancing services.

LIST OF TABLE

Table No	Table Name	Page No
Table 1	users (Admin/Client/Freelancer)	
Table 2	feedbacks	
Table 3	projects	
Table 4	requests	

LIST OF FIGURES

Figure No	Figure Name	Page No
Figure 1	Entity Relationship Diagram	
Figure 2	Use Case Diagram	
Figure 3	Class Diagram	
Figure 4	Sequence Diagram	
Figure 5	Activity Diagram	

1. INTRODUCTION

1.1 Project Profile	
Project Title	CODEWORK FREELANCER MANAGEMENT SYSTEM
Project Definition	We provide information about freelancers and freelancing services
Internal Project Guide	Prof. Idrish I. Sandhi
Team Size	2
Team Member	1.Krunal Bhavsar 2. Gaurang Parmar
Application Server	PHP
Front End	HTML, CSS, JavaScript
Using Framework	Core PHP
Back End	MySQL 5.0
Report Generation Tool	MS Word 2016 MS PowerPoint 2016
Project Duration	4 months

2.REQUIREMENT SPECIFICATION

2.1 Existing System:

- ❖ Time Consuming
- ❖ The current website takes more money as commotions.
- ❖ In existing system, mostly website focus on clients because they spend money, but there are less facilities for freelancer like it is not easy to find first project for freelancer but clients get there freelancer very easily.

2.2 Need for New System

- ❖ Various freelancer can be found for different type of website development and designing work.
- ❖ Client can post project and choose a best freelancer from all of list.
- ❖ Browse freelancer profiles, compare proposals and select the best one, award your project and your freelancer goes to work.
- ❖ Pay when you are satisfied!
- ❖ Codework has no access fees, subscriptions, monthly fees or annual fees. There are no fees to post a project or set up a user account. Employer commissions and upgrade fees are also waived for volume customers.
- ❖ Freelancers get there first project easily according to their experience and level of learned skills.

2.3 Time Line Chart

Month	July				August				September				October			
WEEK	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Definition																
System Analysis																
Database Design																
Page Design																
Coding																
Reports																
Testing																
Documentation																

3.FUNCTIONAL SPECIFICATION

3.1 Introduction

3.1.1. Purpose

This website is used to provide platform for client and freelancer, where client can post a project and freelancer get job to do project.

3.1.2. Scope

Admin:-

- ✓ Login
- ✓ Manage clients
- ✓ Manage freelancer
- ✓ View all projects



user:-

- ✓ Register
- ✓ Login
- ✓ Post Project
- ✓ View All Project
- ✓ Request for project

3.2 General Description

3.2.1. Functional Description

**ADMIN:-**

View, insert, update, or delete record of admin.

**USER:-**

View, insert, update, or delete record of any Project.

3.2.2. User Characteristics

Admin:-

Admin is a top level person who is responsible for that site management and has keen watch on the site movements. Admin can manage all clients, freelancer and projects.

User:-

User is second level person who can Search and view Projects and post projects. It can manage project request.

4.HARDWARE & SOFTWARE SPECIFICATION

4.1 Hardware Requirement (minimum): -

Server Side: -

❖ PROCESSOR	:	Intel Dual Core
❖ RAM	:	2GB
❖ HARD-DISK	:	256GB
❖ OS	:	WINDOWS 10

Client Side: -

❖ PROCESSOR	:	Intel Dual Core
❖ RAM	:	2GB
❖ HARD-DISK	:	256GB
❖ OS	:	WINDOWS XP or Higher

4.2 Software Requirement (minimum): -

Server Side: -

❖ FRONT END TOOL	:	PHP 7.4
❖ BACK END TOOL	:	MySQL 5.0
❖ CODE EDITOR	:	Dreamweaver CC 2020
❖ OTHER TOOLS	:	MS Word 2016
		MS PowerPoint 2016

Client Side: -

❖ Browser	:	Chrome or other HTML 5 Supported browser
-----------	---	---

5. Detailed Design

5.1 Data Dictionary

1) users (Admin/Client/Freelancer)

Table name: auth_user

Primary key: id

Foreign key :

SR.NO	Field Type	Data Type	Size	Constraints	Description
1	Id	Int	11	Primary key	User id
2	Name	Varchar	30	Not null	User name
3	Email	Varchar	30	Unique key	User email
4	Password	Varchar	20	Not null	User password
5	Type	Varchar	10	Not null	User Type
6	Lang	Varchar	10	Not null	Programming language
7	Cv	Varchar	50	Not null	Path of resume file
8	Id_proof	Varchar	50	Not null	Path of Id/proof file
9	Date	Time stamp	-	Current timestamp	Date Update Records

Description: - Admin login information.

2) feedbacks:-

Table name: feedbacks

Primary key: fbid

Foreign key : uid

SR.NO	Field Type	Data Type	Size	Constraints	Description
1	Fbid	Int	11	Primary key	Feedback id
2	Name	Varchar	30	Not null	user name
3	Email	Varchar	50	Unique key	user email
4	Msg	Varchar	255	Not null	Feedback message
5	uid	int	11	Foreign Key	Users id or can be null if not logged in
6	Is_read	Tinyint	1	Not null	Msg read or not
7	date	Time stamp	-	Current timestamp	Feedback Date

Description: - user feedback details.

3) projects: -

Table name: projects

Description: this is products table .it's a use to showing searching and fetching the products

Primary key: Pid

Foreign key : cid , fid

SR.NO	Field Type	Data Type	Size	Constraints	Description
1	Pid	Int	11	Primary key	Project id
2	Name	Varchar	30	Not null	Project name
3	Detail	Text	-	Not null	Project detail
4	catagory	Varchar	30	<i>Not null</i>	Project catagory
5	File	Varchar	255	Not null	Browse project file
6	Lang	Varchar	20	Not null	programming language
7	cid	Int	11	<i>foreign key</i>	Client id
8	Fid	Int	11	foreign key	Freelancer id
9	Status	Varchar	20	Not null	Project status
10	Cost	Int	11	Not null	Project cost
11	Paid	Int	11	Not null	Project paid
12	Date	Time stamp	-	Current timestamp	Project Date

Description: - client post project details.

4) Requests:-

Table name : requests

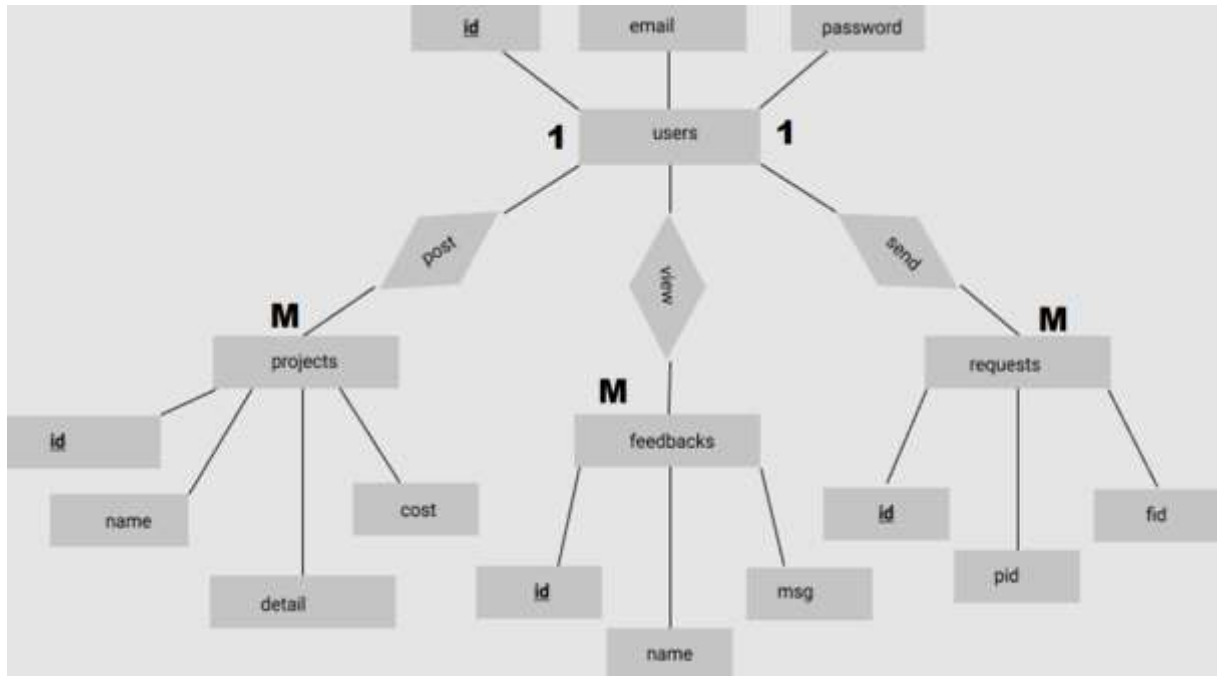
Primary key : category_id

Foreign key :

SR.NO	Field Type	Data Type	Size	Constraints	Description
1	Rid	Int	11	<i>Primary key</i>	Request id
2	Pid	Int	11	foreign key	Project id
3	Fid	Int	11	foreign key	Freelancer id
4	Msg	Varchar	255	<i>Not null</i>	Message
5	Status	Varchar	20	Not null	Project status
6	Date	Time stamp	-	Current timestamp	Project Request date

Description: - freelancer project request details.

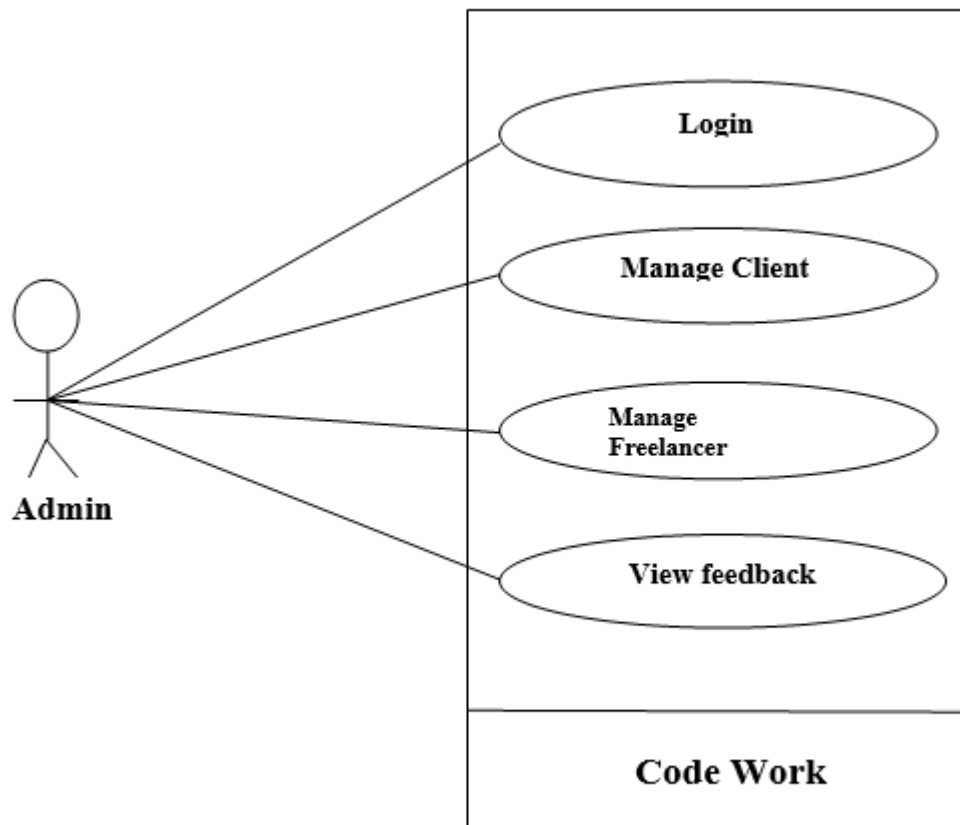
5.2 Entity Relationship Diagram



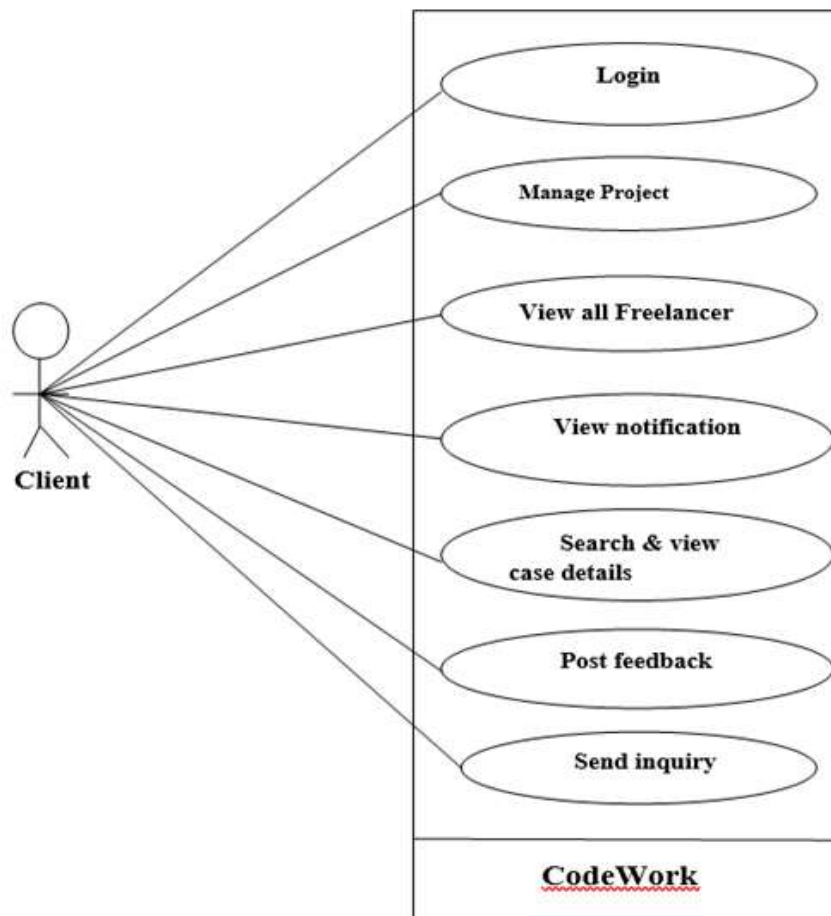
5.3 UML Diagrams

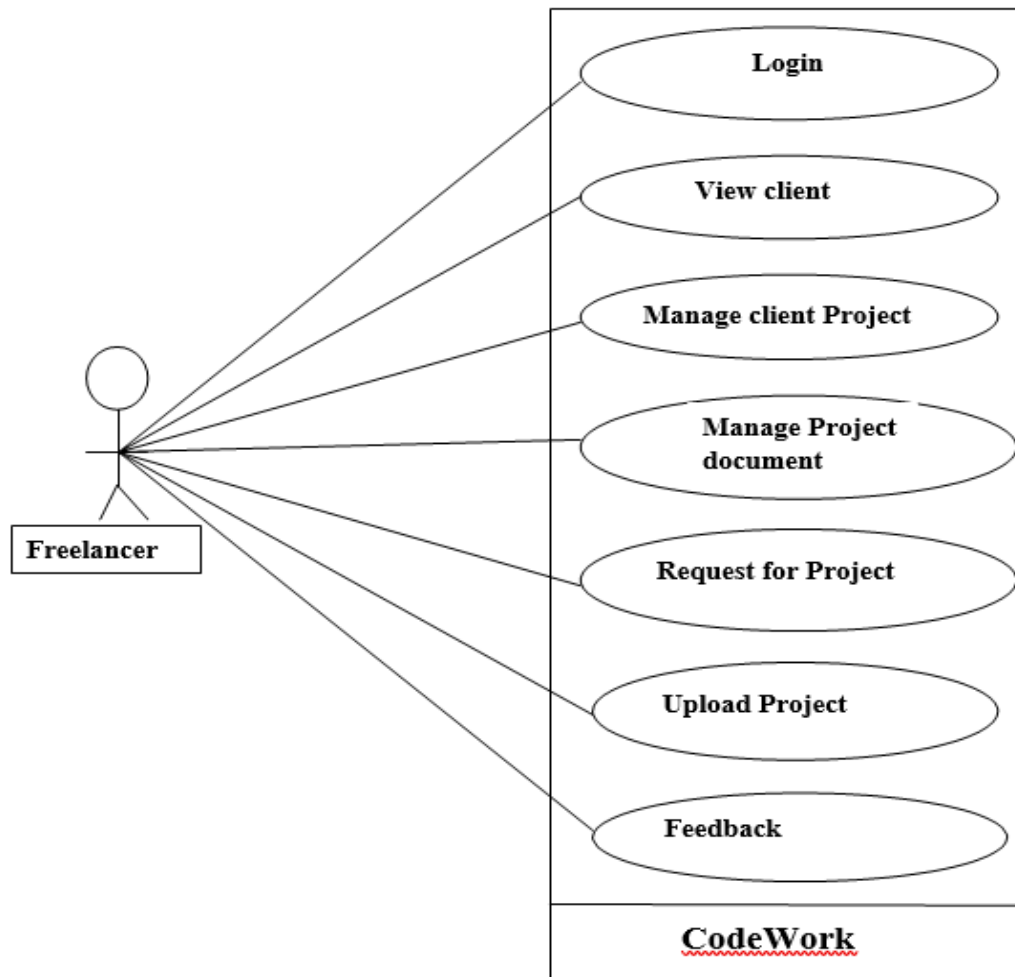
5.3.1 USE CASE DIAGRAM

ADMIN:-

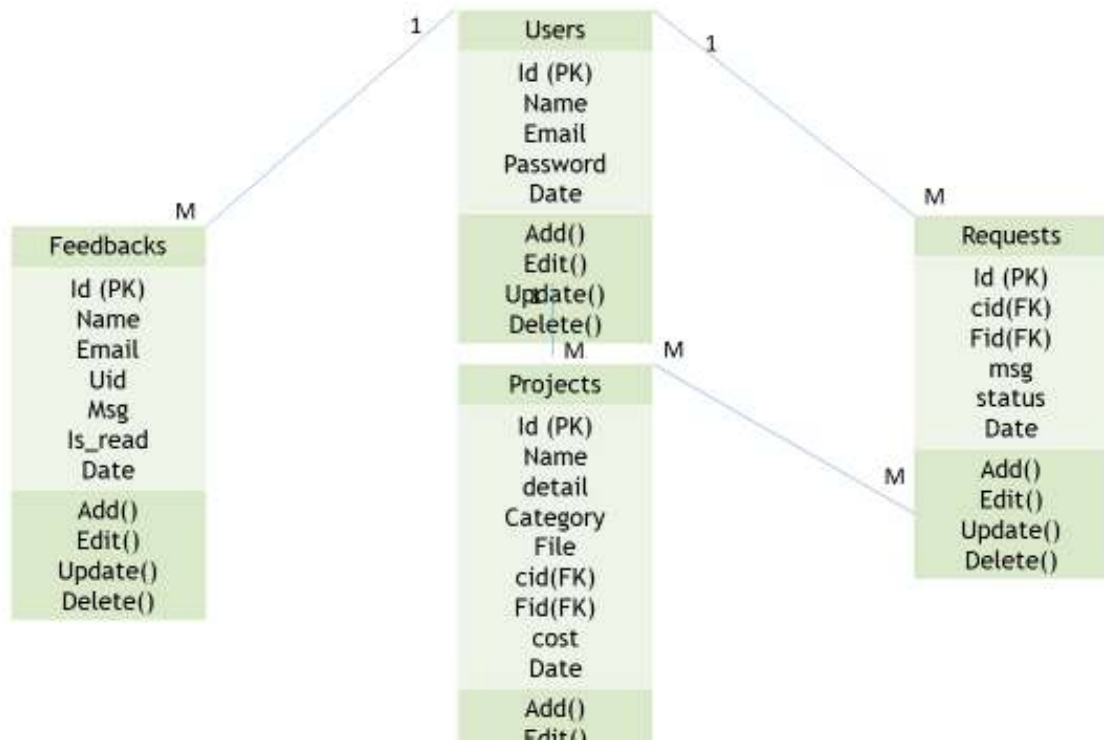


USER-CLIENT:-



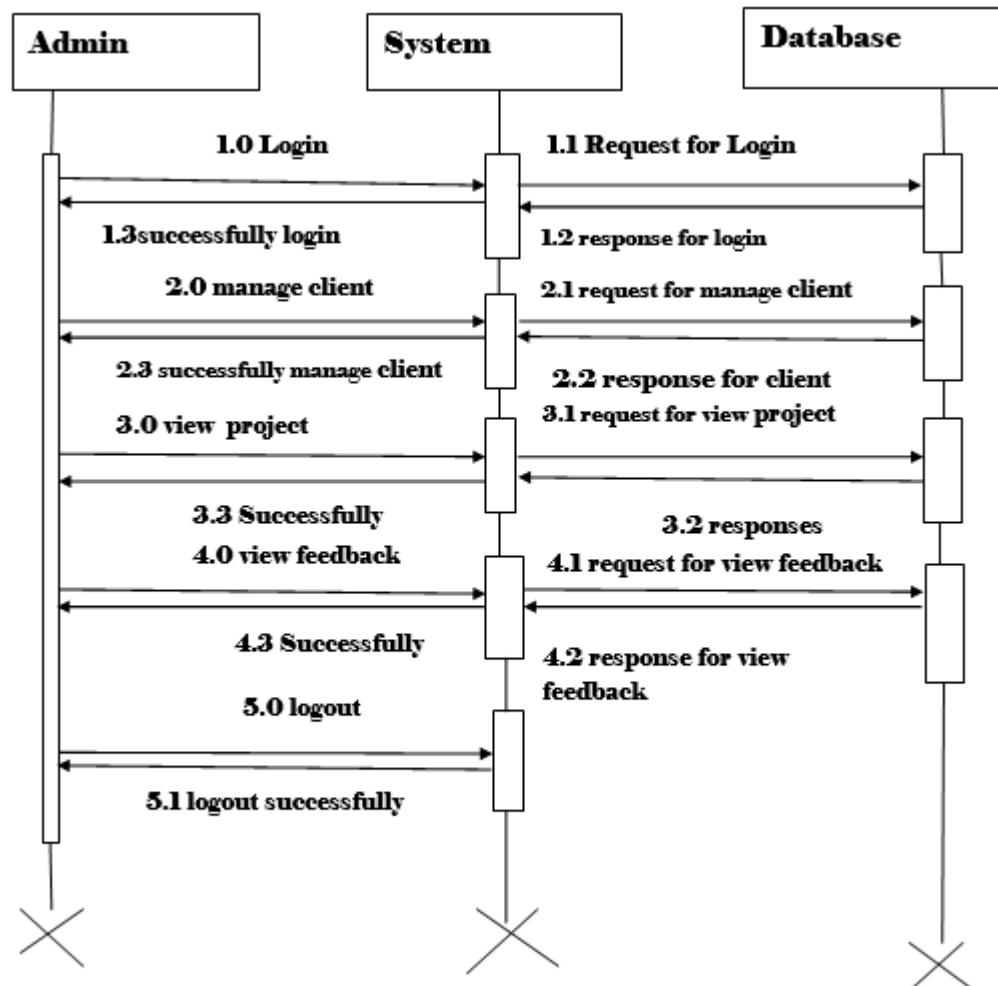
USER-FREELANCER:-

5.3.2 CLASS DIAGRAM

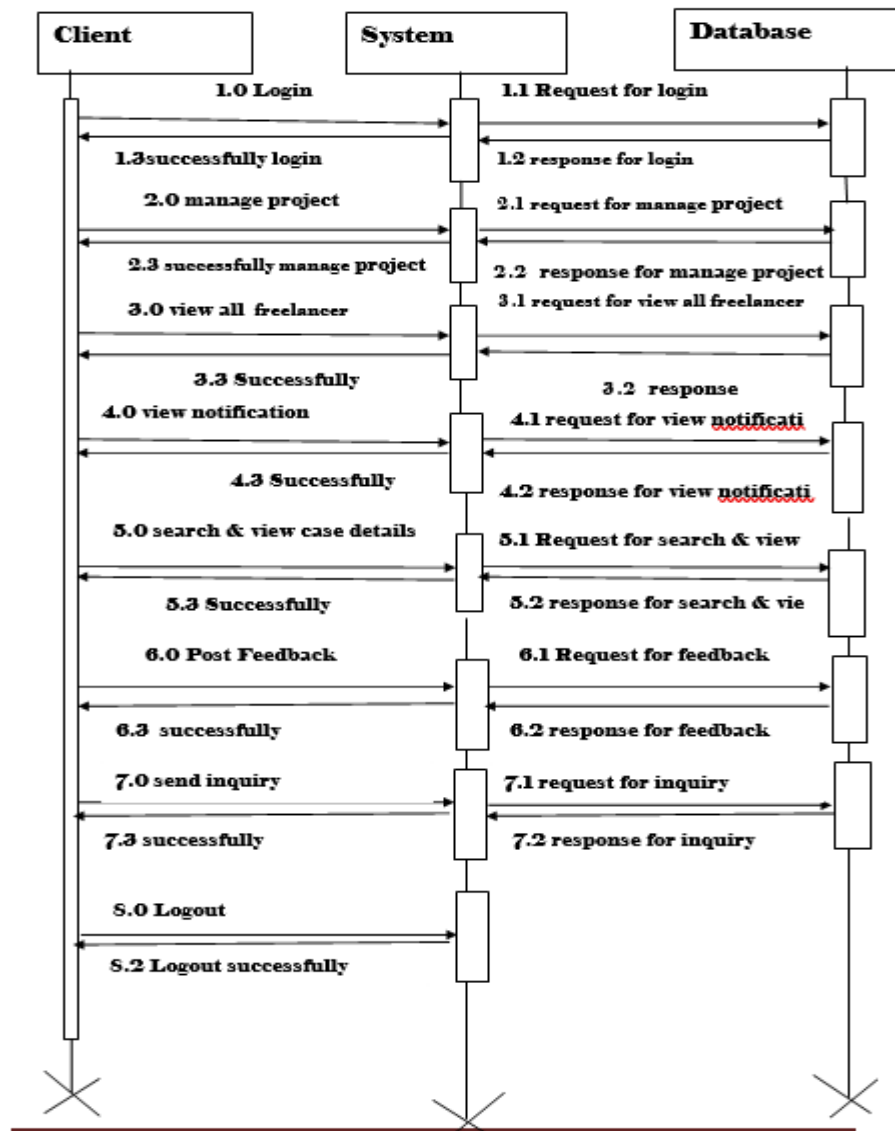


5.3.3 SEQUENCE DIAGRAM

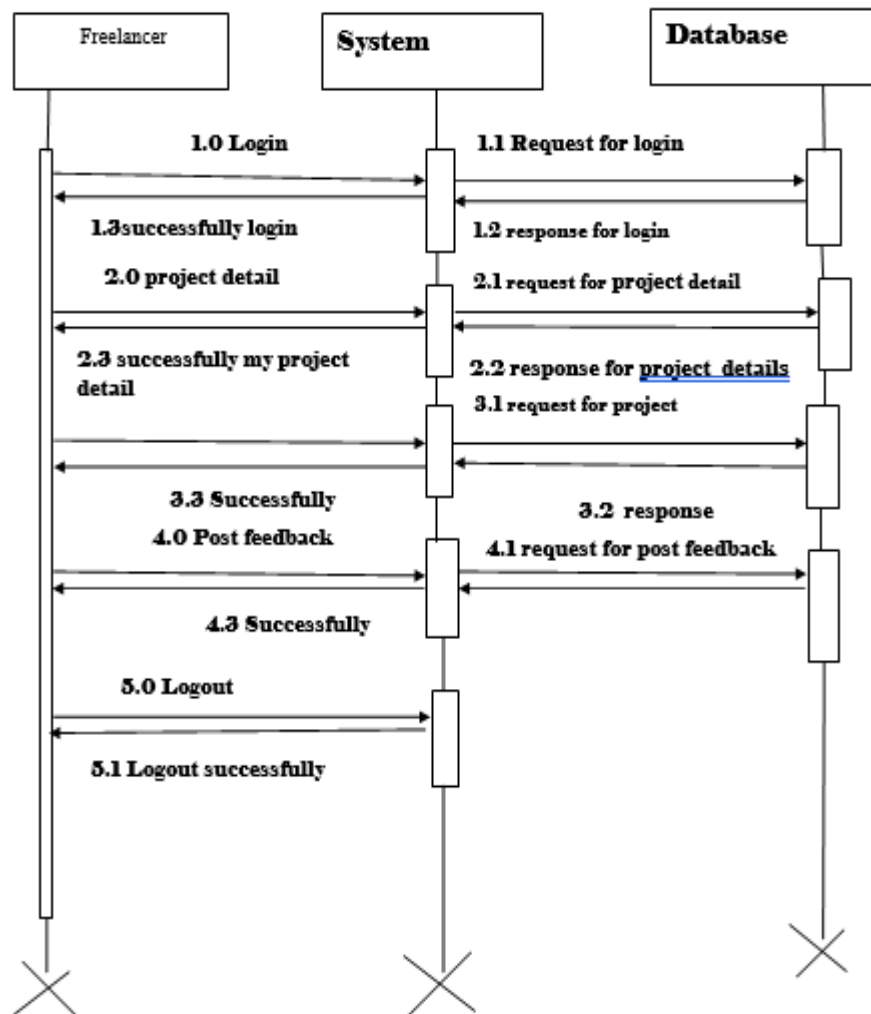
Admin:-



Client:-

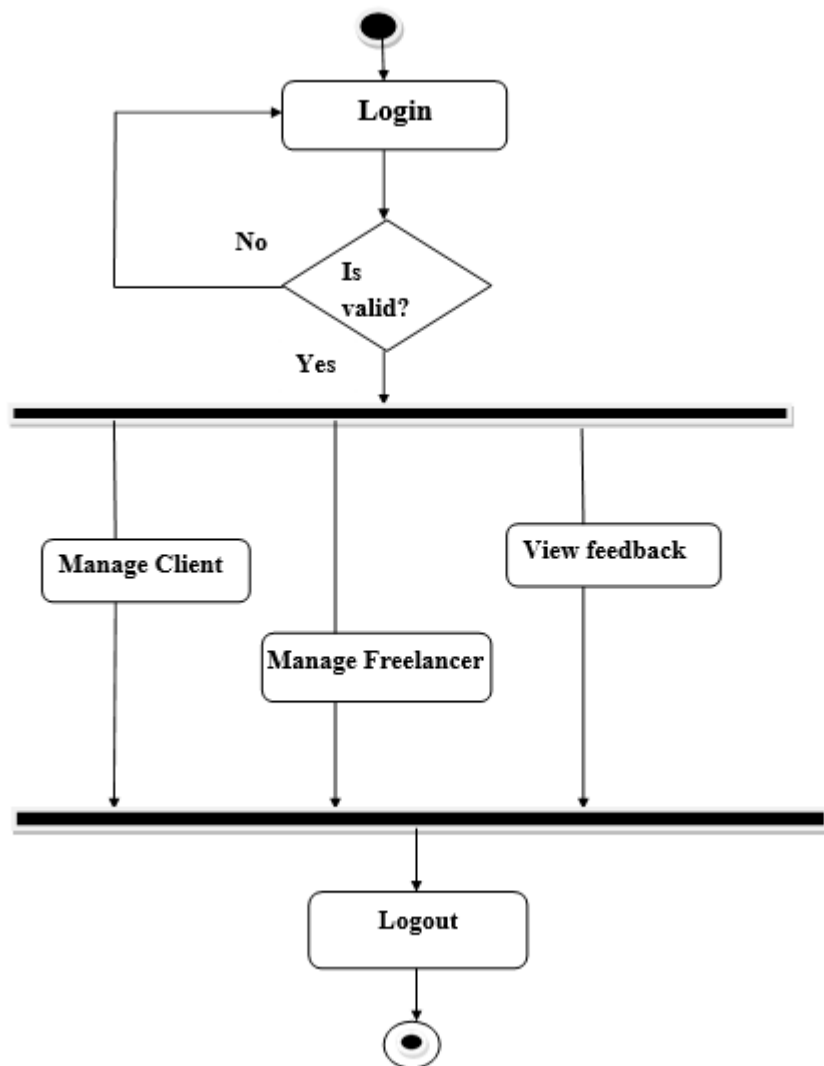


Freelancer:

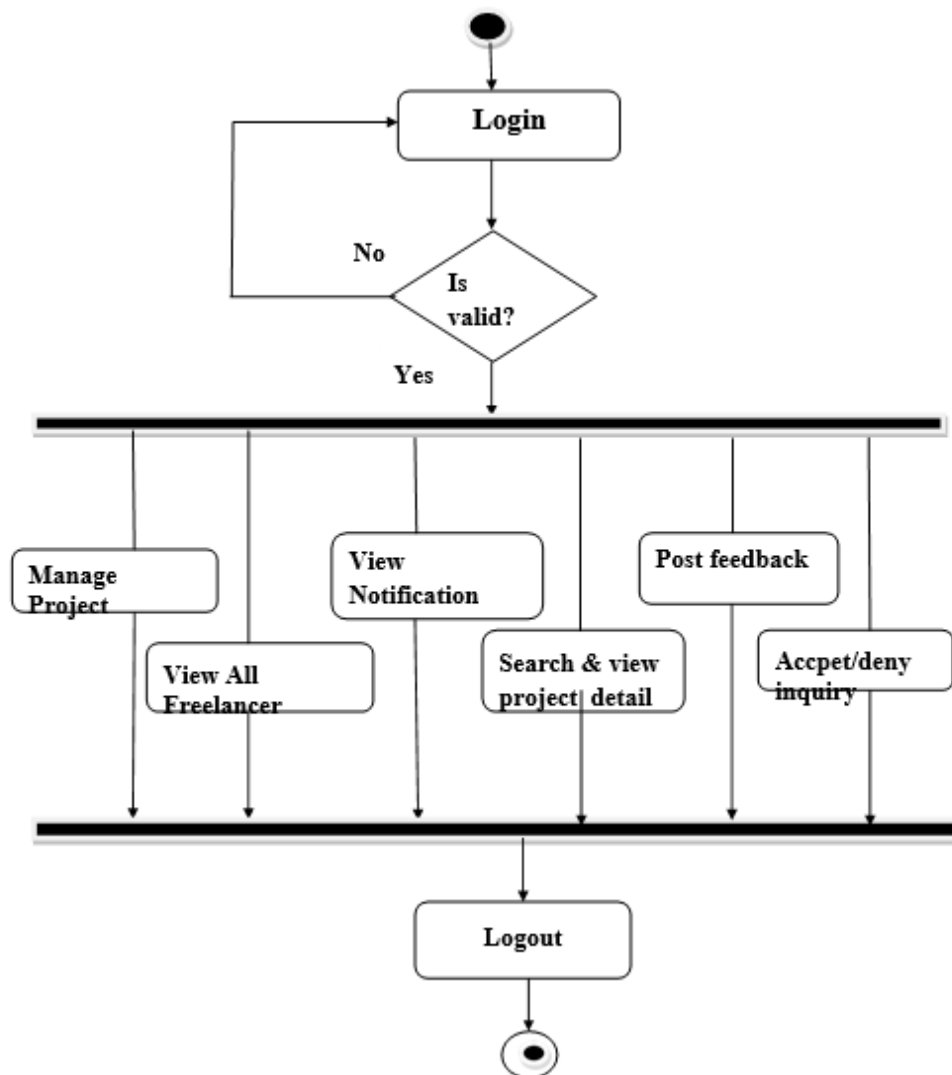


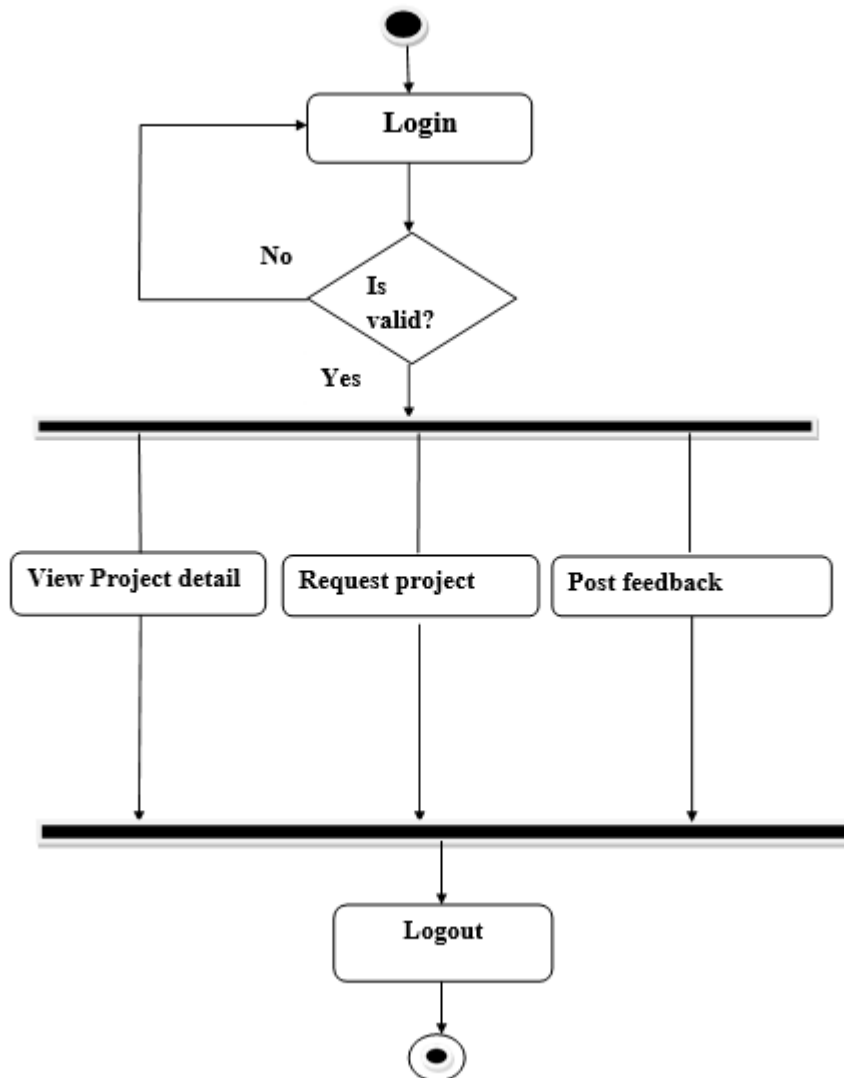
5.3.4 ACTIVITY DIAGRAM

Admin :-



Client :-

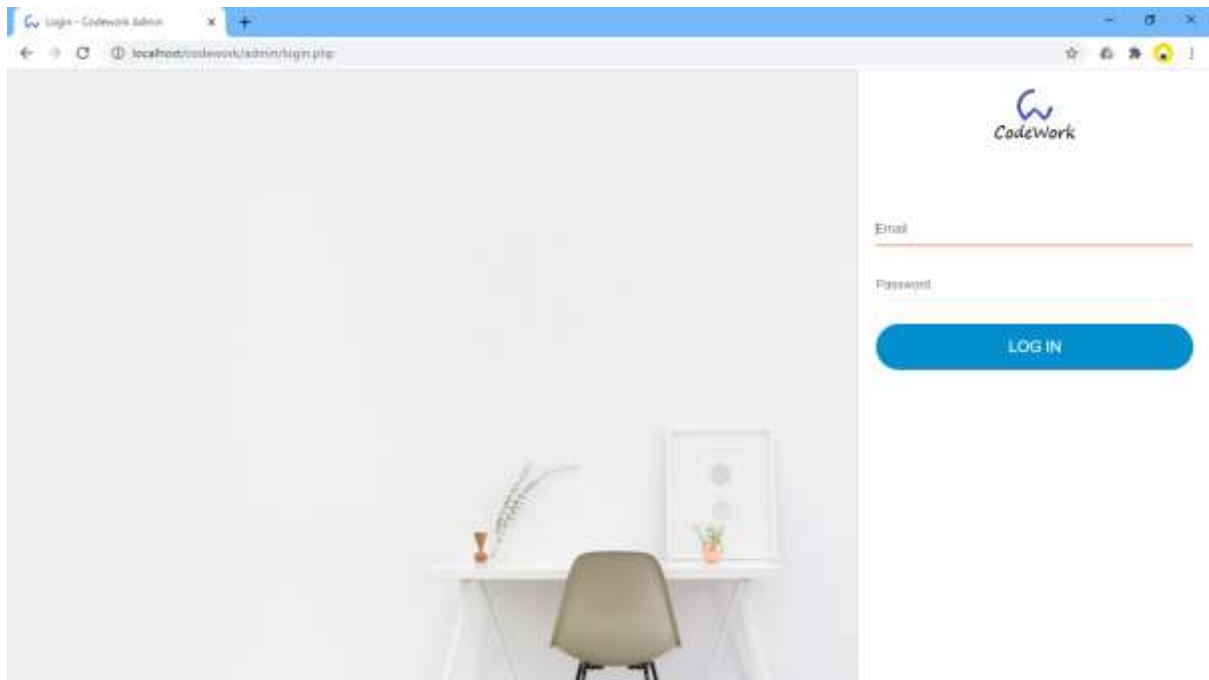


Freelancer:-

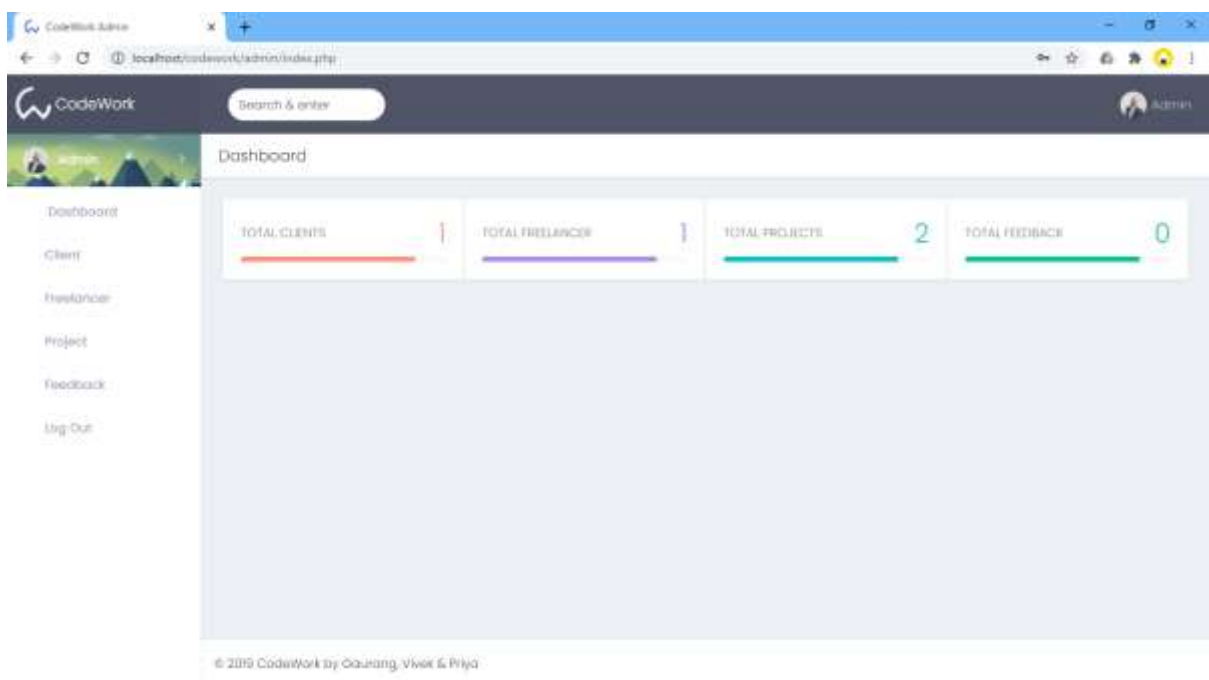
6. Input & Output Designing

6.1 Admin Side Design

Login page:- this page is admin login page



Admin home page: -



Admin manage client: -

The screenshot shows the CodeWork Admin interface. The left sidebar contains links for Dashboard, Client, Freelancer, Project, Feedback, and Log Out. The main content area displays the 'Client List' with a table containing one client entry. The table has columns for cid, Name, Email, Date, and Action. The client entry has cid 2, Name client, Email client@abc.com, and Date 2019-01-26 16:42:30. An 'Add New' button is visible in the top right corner of the client list section.

cid	Name	Email	Date	Action
2	client	client@abc.com	2019-01-26 16:42:30	Remove

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Admin manage freelancer: -

The screenshot shows the CodeWork Admin interface. The left sidebar contains links for Dashboard, Client, Freelancer, Project, Feedback, and Log Out. The main content area displays the 'Freelancer List' with a table containing one freelancer entry. The table has columns for Fid, Name, E-mail, Language, CV, ID Proof, Date, and Action. The freelancer entry has Fid 1, Name freelancer, E-mail freelancer@abc.com, Language php, CV [Resume](#), ID Proof [ID Proof](#), and Date 2019-01-26 16:43:39. An 'Add New' button is visible in the top right corner of the freelancer list section.

Fid	Name	E-mail	Language	CV	ID Proof	Date	Action
1	freelancer	freelancer@abc.com	php	Resume	ID Proof	2019-01-26 16:43:39	Remove

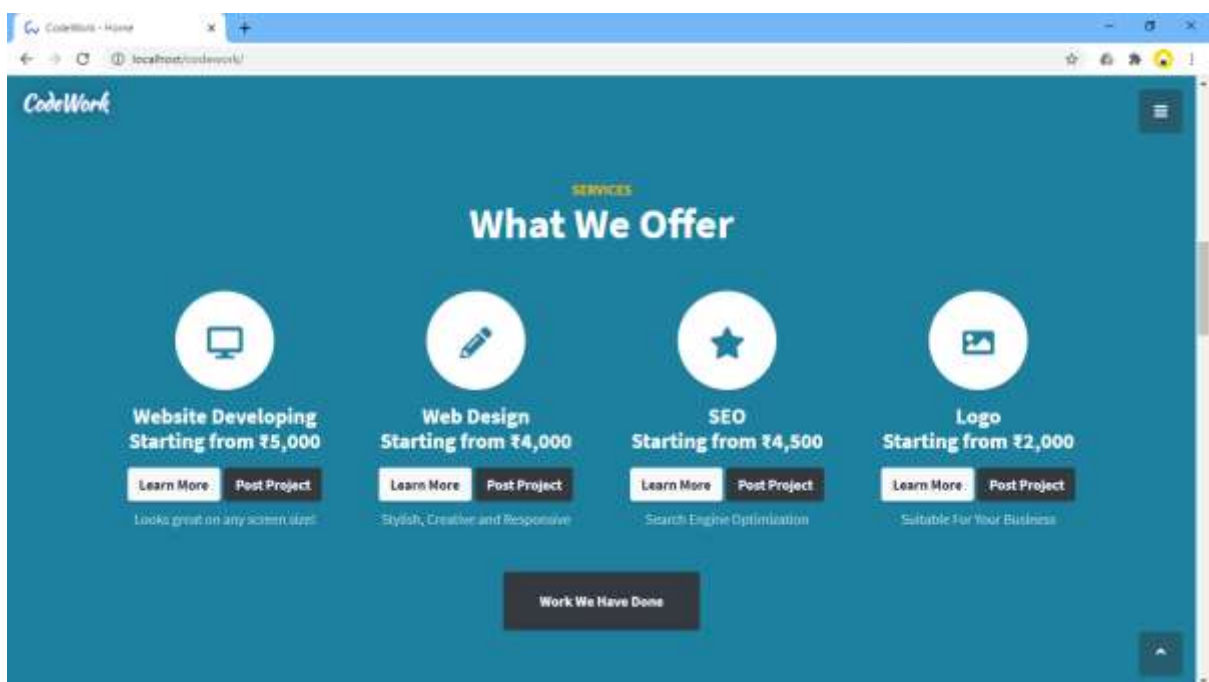
© 2019 CodeWork by Oshang, Vivek & Priya

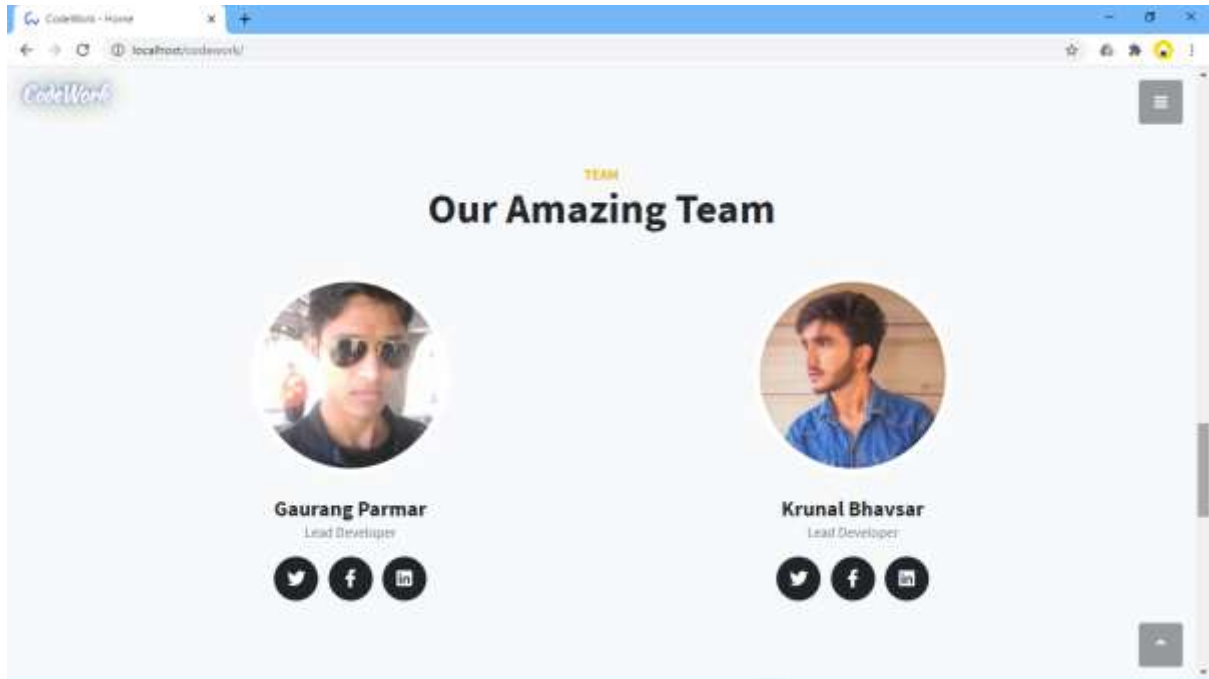
6.2 User side design

User home page: -

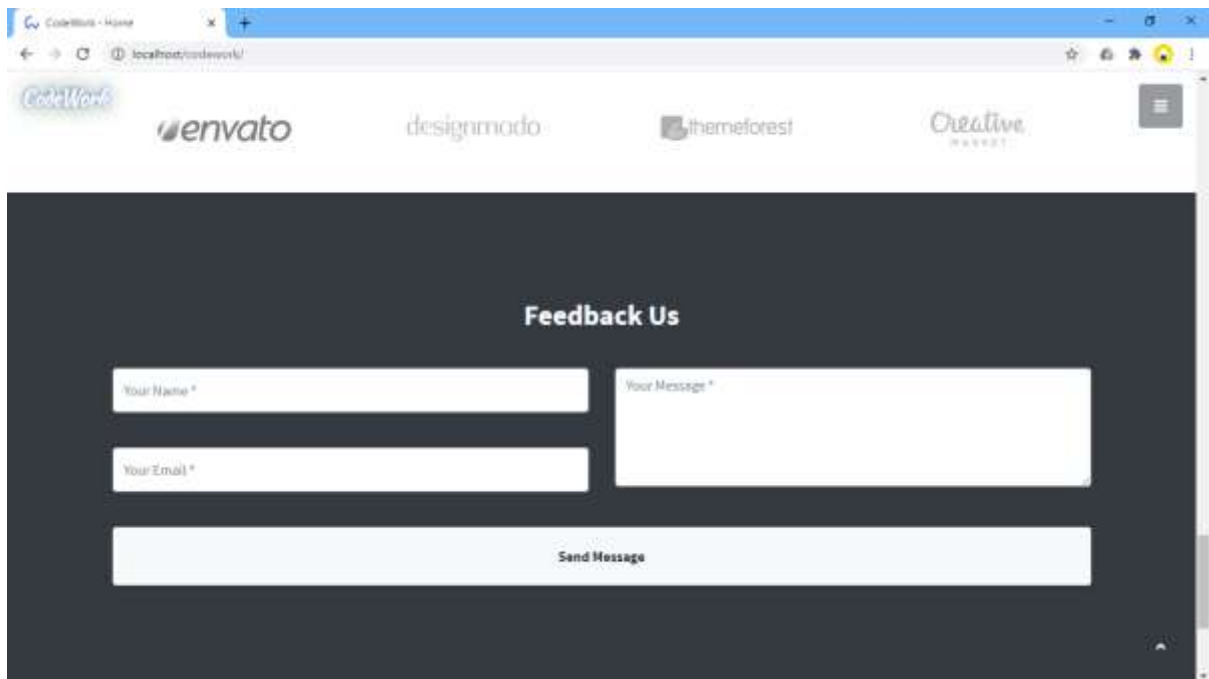


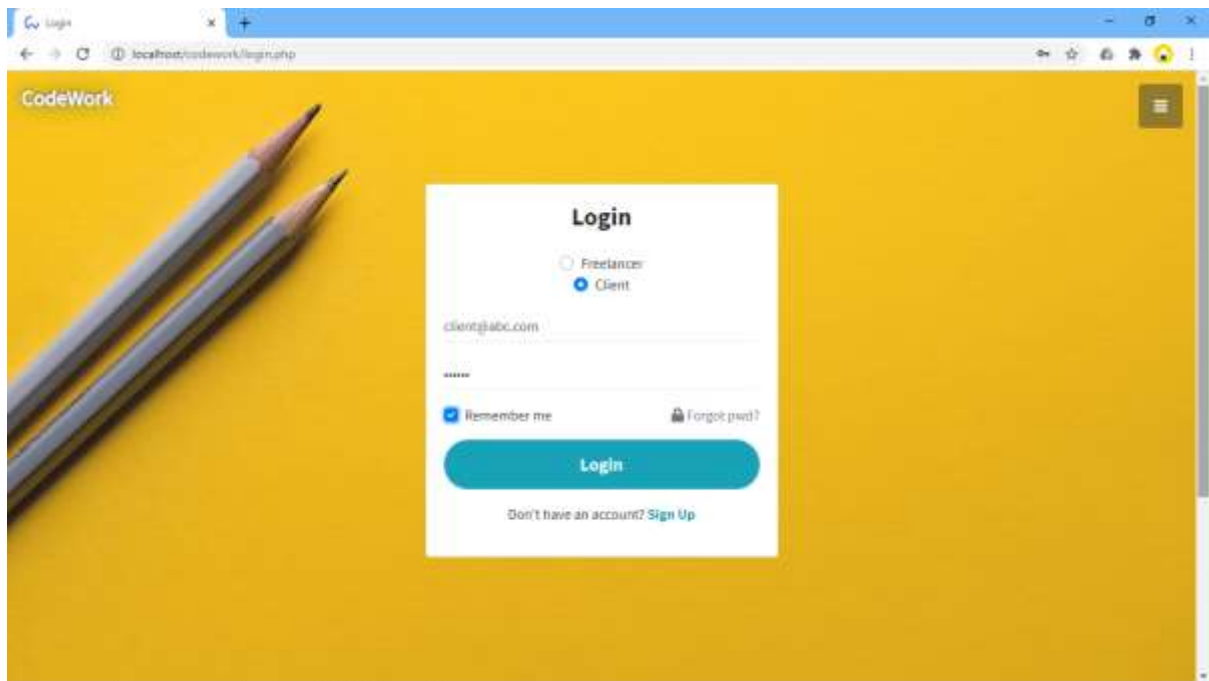
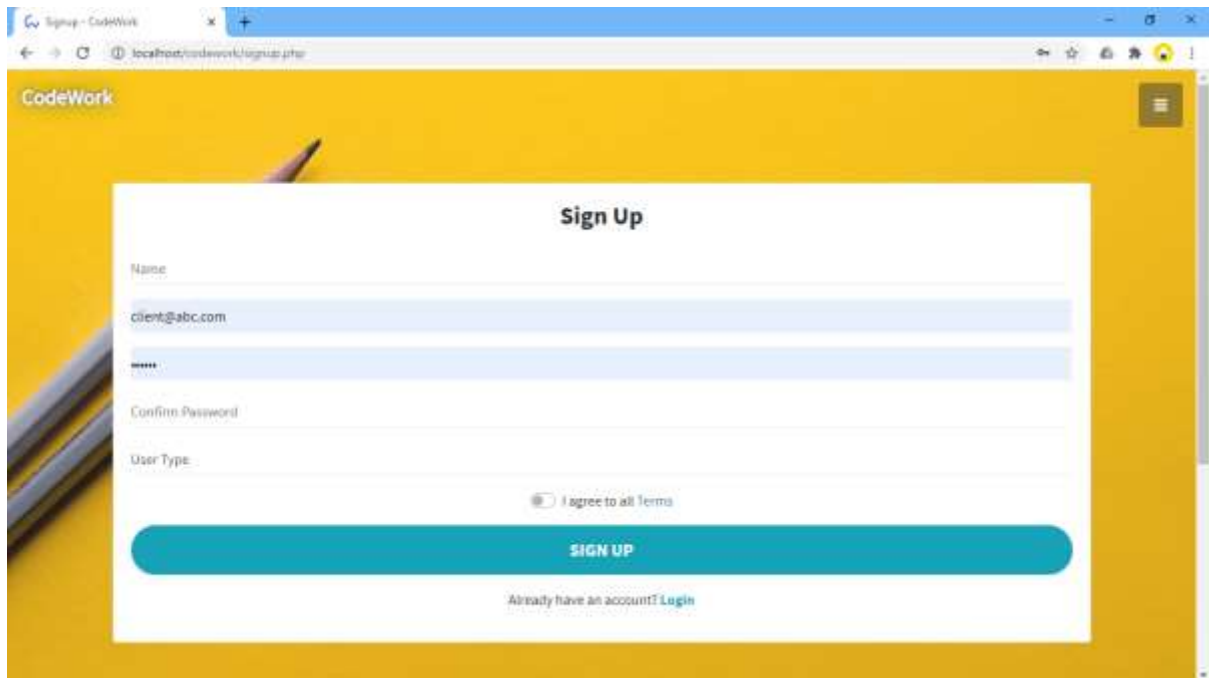
Service: -

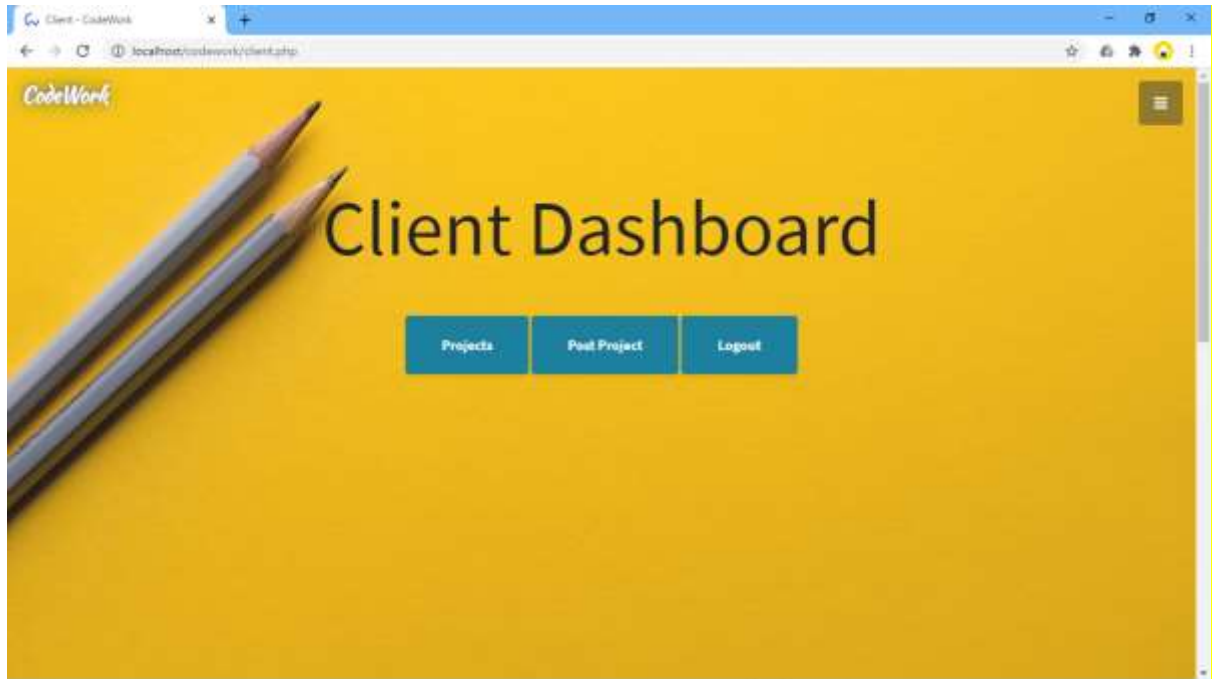




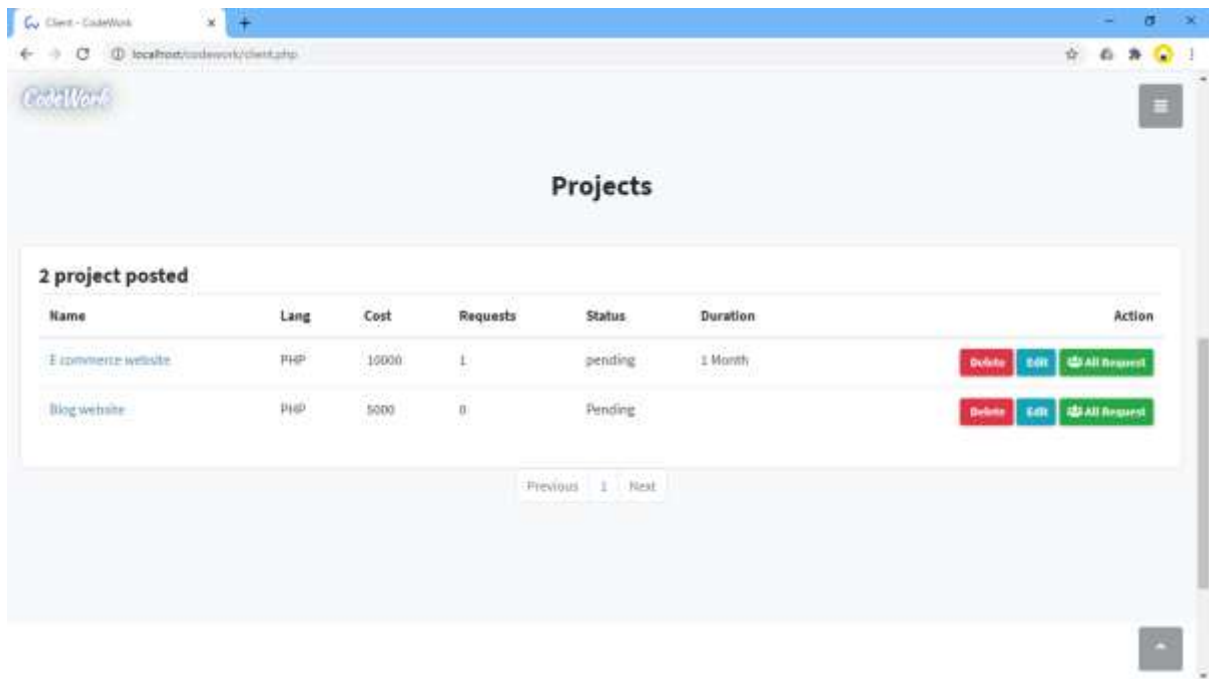
Feedback :-



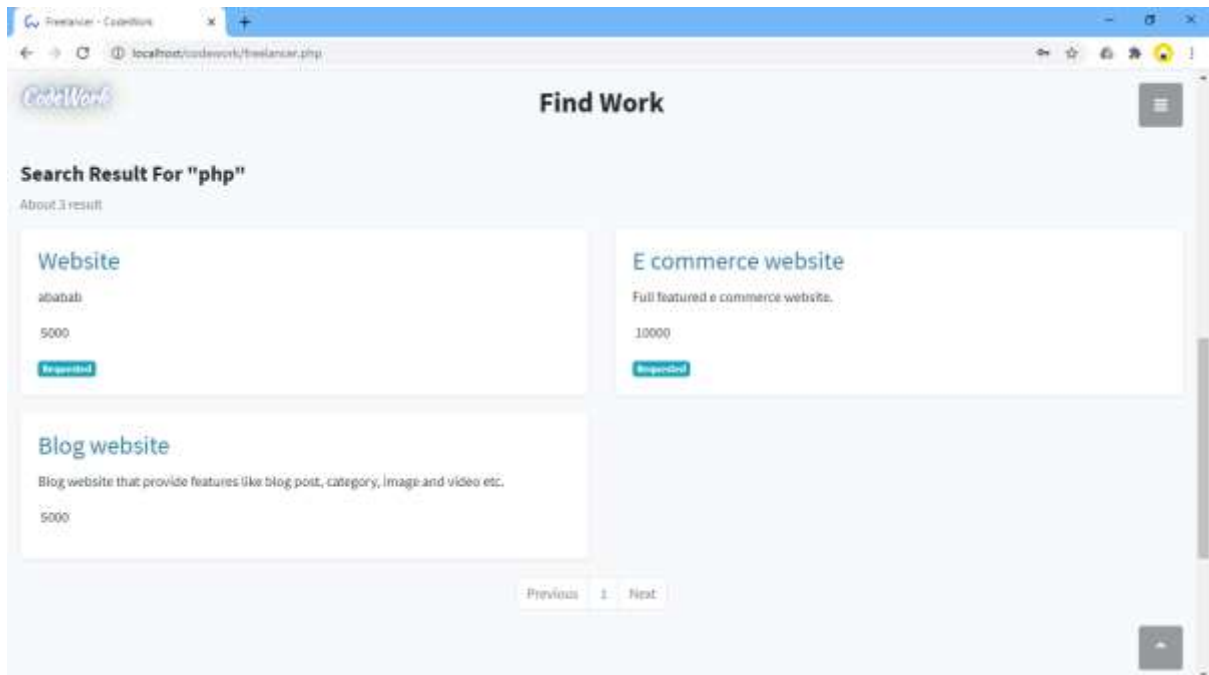
User login page: -**User signup page: -**

Client page:-**Post project form:-**A screenshot of a web browser displaying the 'Post New Project' form of a website named 'CodeWork'. The form is a white box with a yellow border. It contains several input fields: 'Project Name', 'Project Type', 'Project Description', 'Language or Skill', and 'Project Cost in INR'. Each field has a placeholder text above it: 'Choose a name for your project', 'Choose type of your project', 'Tell us more about your project', 'What skills are required?', and 'What is your budget?'. At the bottom of the form, there is a blue button labeled 'POST PROJECT'. Below the button, there is a small text line: 'Work with a freelancer 1-on-1 and only pay them when you're happy with the completed work.' The browser's address bar shows the URL 'localhost/codework/post.php'.

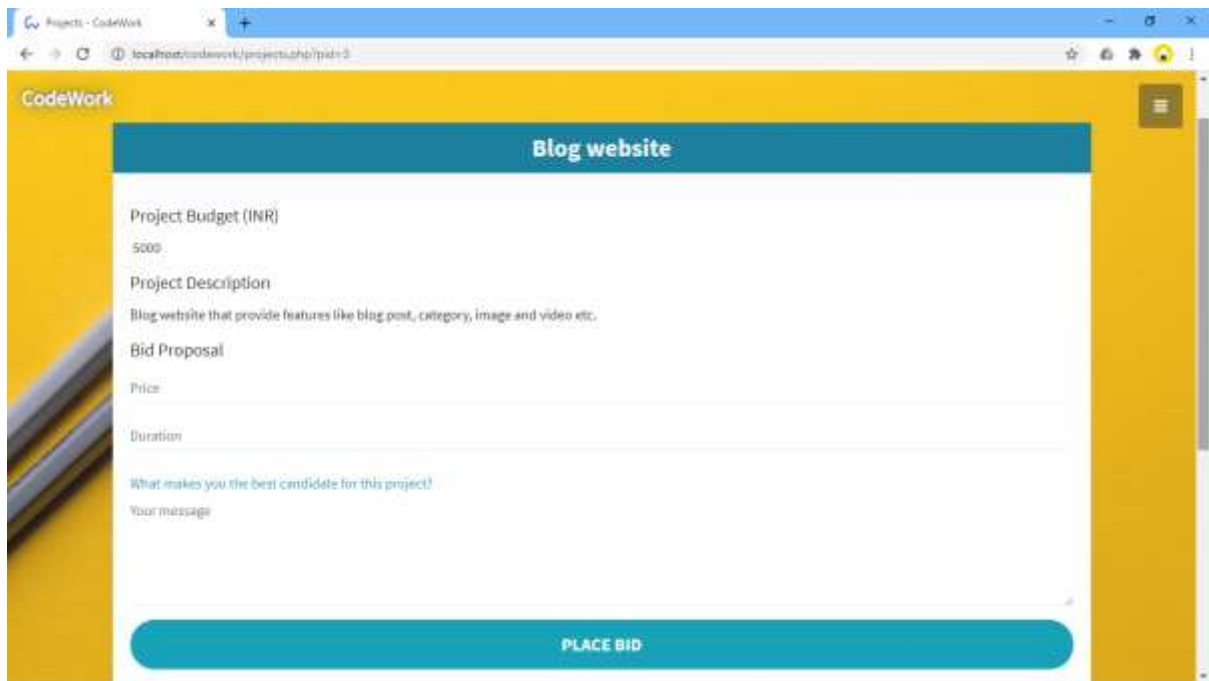
Project posted by client:-



Freelancer page: -



Project details and bidding form: -



The screenshot shows a web browser window with the URL `localhost/codework/projects.php/pid=3`. The page has a yellow header with the 'CodeWork' logo and a blue navigation bar with the title 'Blog website'. The main content area is white and contains the following form fields:

- Project Budget (INR)**: A text input field with the value '5000'.
- Project Description**: A text area containing the text 'Blog website that provide features like blog post, category, image and video etc.'
- Bid Proposal**: A section with three sub-fields:
 - Price**: A text input field.
 - Duration**: A text input field.
 - What makes you the best candidate for this project?**: A text area.
- Your message**: A text area.

At the bottom of the form is a large blue button labeled 'PLACE BID'.

7.TESTING & RESULT

7.1 Introduction

TESTING: -

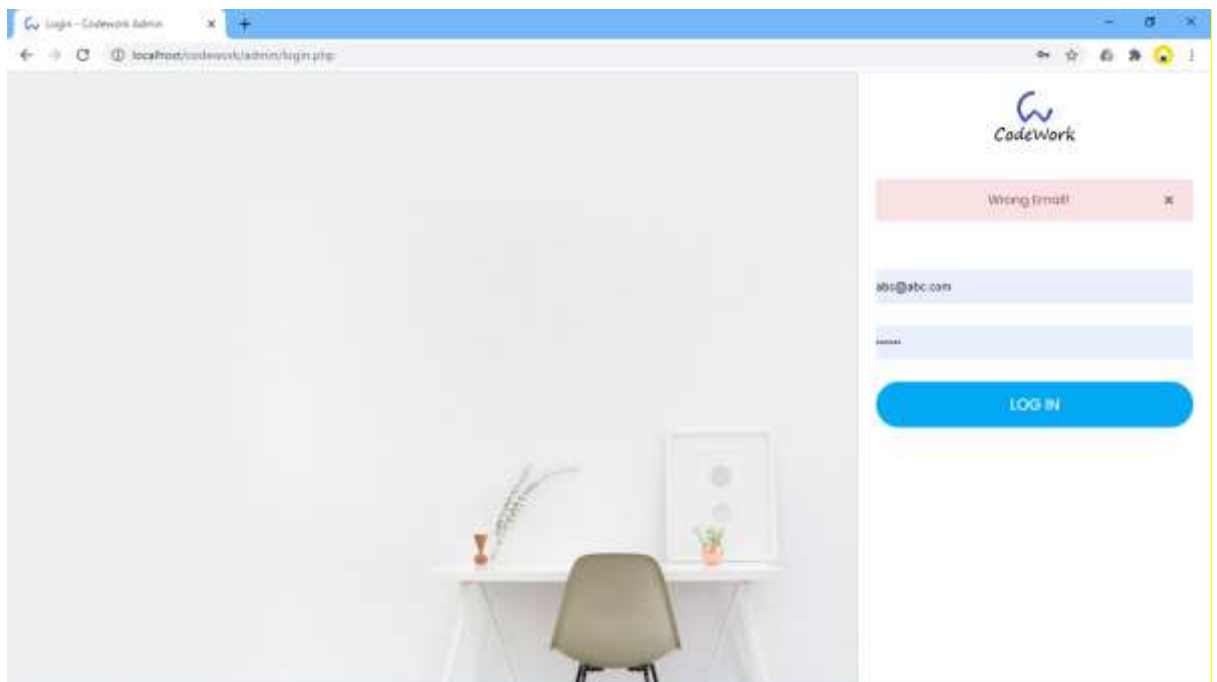
Testing has a dual function it is used to establish the presence of defects in program and it is used to help judge whether or not the program is usable in practice. Thus, software testing is used for validation and verification, which ensure that software conforms to its specifications and meets the need of the software customer.

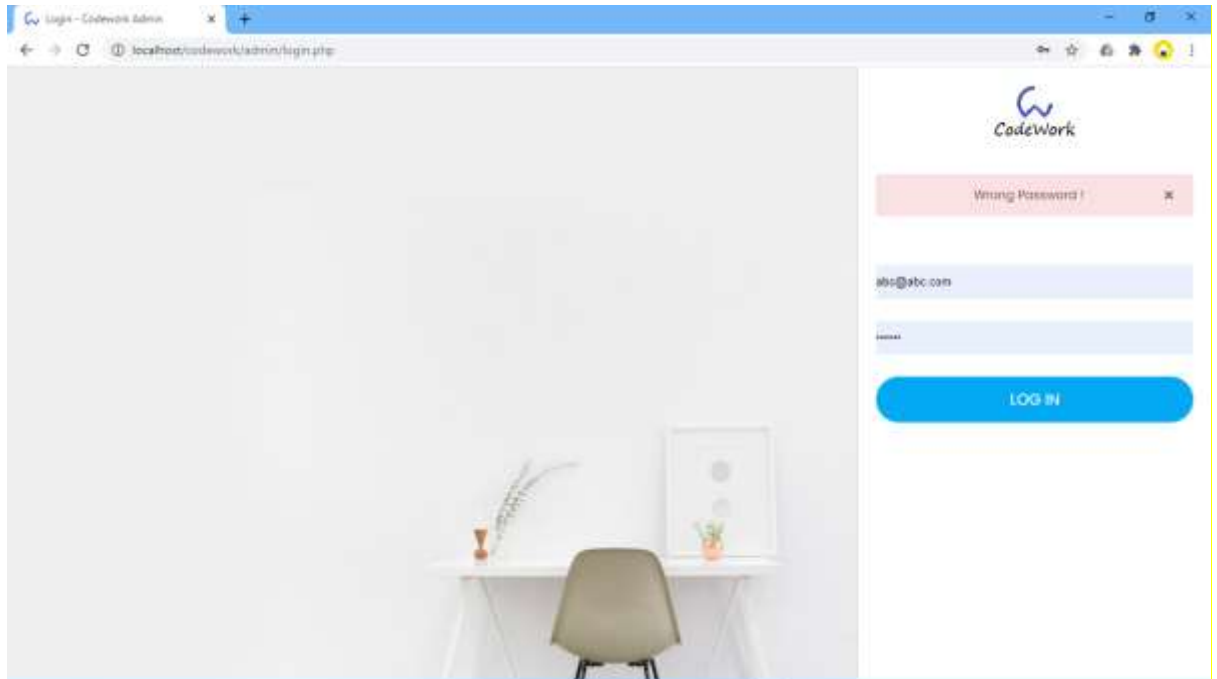
We have resorted Alpha testing, which usually comes in after the basic design of the program has been completed. The project scientist will look over the program and the suggestions and ideas to improve or to correct the design. They also report and give ideas to get rid of around any major problems. There is bound to be a number of bugs after a problem have been created.

7.2 Test Cases

Admin Login Form :-

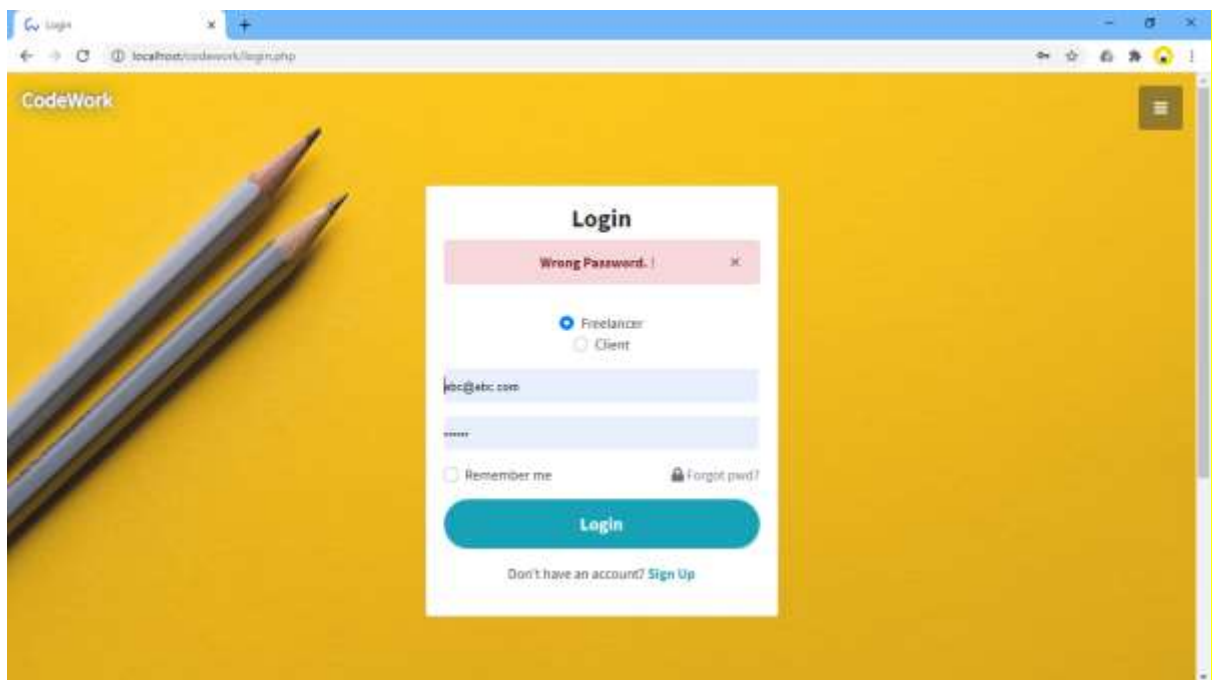
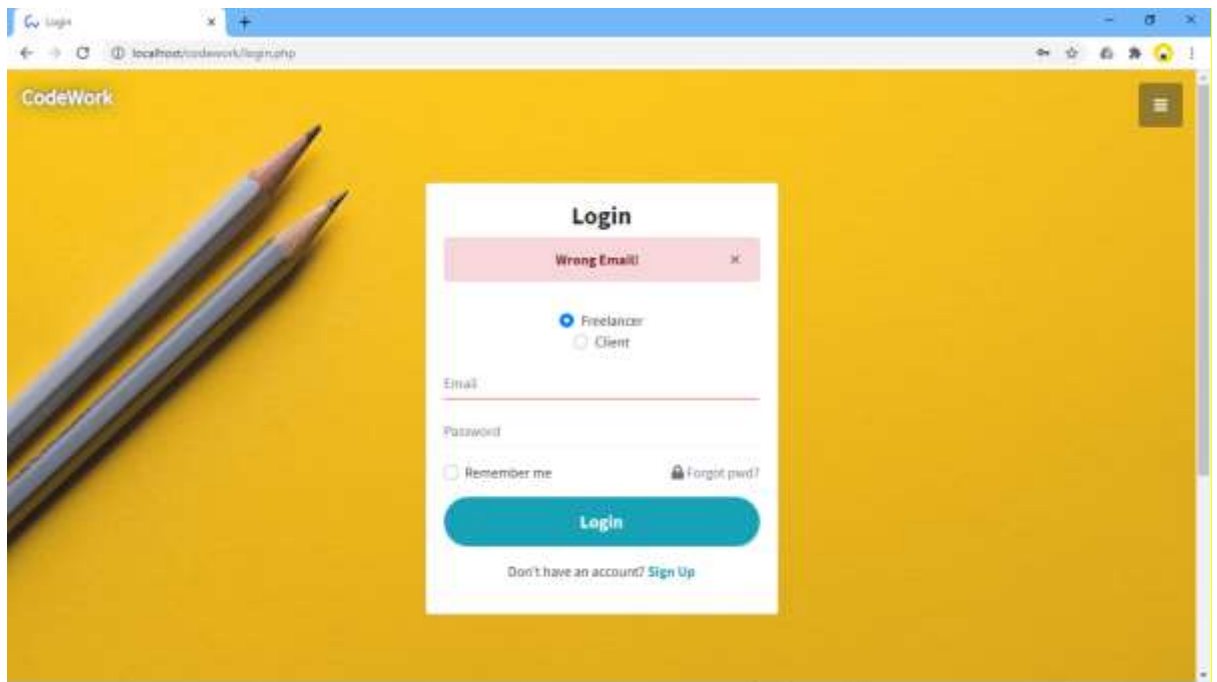
SI NO.	Test case	Expected Result	Test Result
1	Enter valid name and password & click on login button	Display main window	Success
2	Enter invalid name and password & click on login button	Does not display main window and show the error	Success





User login form: -

SI NO.	Test case	Expected Result	Test Result
1	Enter valid name and password & click on login button	User can add/view/request project.	Success
2	Enter invalid name and password & click on login button	User can not add/view/request project.	Success



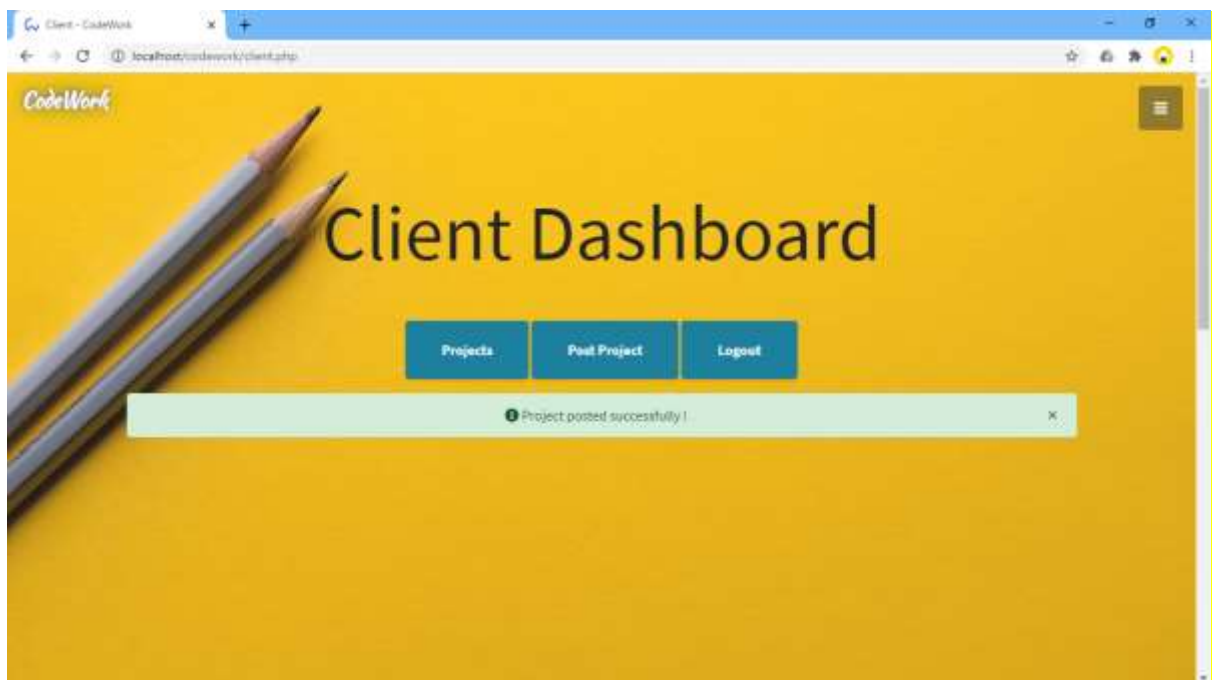
User post product: -

SI NO.	Test case	Expected Result	Test Result
1.	On the click of POST PROJECT button	Add Project	Success

The screenshot shows a web browser window with the URL `localhost/codework/post.php`. The page has a yellow header with the 'CodeWork' logo. The main content area is titled 'Post New Project' and contains a form with the following fields:

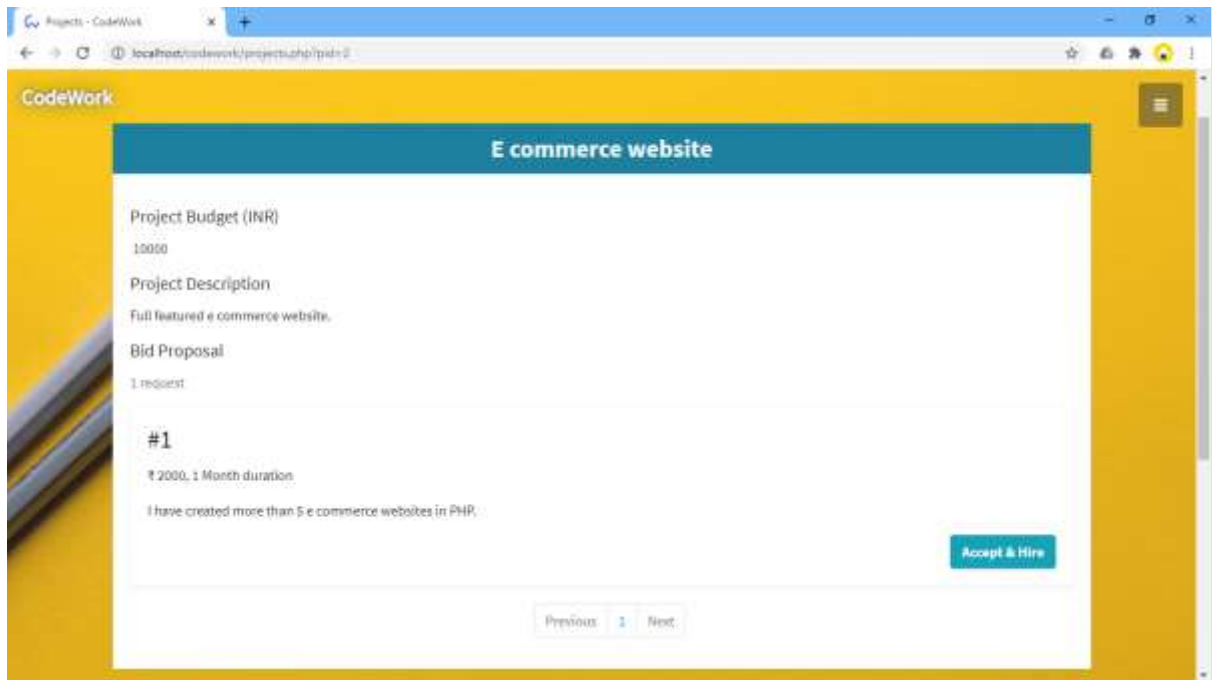
- Choose a name for your project:
- Choose type of your project:
- Tell us more about your project:
- What skills are required?:
- What is your budget?:

Below the form, there is a note: 'Work with a freelancer 1-on-1 and only pay them when you're happy with the completed work.' At the bottom of the form is a large blue button labeled 'POST PROJECT'.



User can view Request for project: -

SI NO.	Test case	Expected Result	Test Result
1.	On the click on ALL REQUESTS button	Add Project bidding with bid price and project duration can be seen.	Success

**User request for project: -**

SI NO.	Test case	Expected Result	Test Result
1.	On the click on PLACE BID button	Project bid price, duration and message will be sent.	Success

The screenshot shows a web browser window with the URL `localhost/codework/projects.php?pid=3`. The page has a yellow background and a blue header bar with the text "Blog website". The form contains the following fields:

- Project Budget (INR)**: A text input field with the value "9000".
- Project Description**: A text area with the value "Blog website that provide features like blog post, category, image and video etc."
- Bid Proposal**: A section with two sub-fields:
 - Price**: A text input field.
 - Duration**: A text input field.
- What makes you the best candidate for this project?**: A text area with the value "Your message".
- PLACE BID**: A large blue button at the bottom of the form.

The screenshot shows the same web browser window as the previous one, but with a green success message at the top of the form: "Requested successfully!". The form fields are now populated with the following values:

- Project Budget (INR)**: "9000"
- Project Description**: "Blog website that provide features like blog post, category, image and video etc."
- Bid Proposal**:
 - Price**: "8000"
 - Duration**: "1 Month"
- Request Bid**: A small blue button located below the "Duration" field.

8. LIMITATIONS & FUTURE SCOPE

8.1 Limitations

- ❖ Limitation of this web site is available in only India.

8.2 Future Scope

- ❖ In the future can SMS & Email notification can be implemented in this system.

9. CONCLUSION

The conclusion is that

- ❖ The client gets their work easily done.
- ❖ Clients can choose from lots of well skilled freelancer.
- ❖ Freelancer get paid on time for their job.
- ❖ Freelancer can maintain their portfolio and personal details to get more clients project easily.

10. REFERENCES

Web Sites References

- ❖ <http://www.youtube.com>
- ❖ <http://www.tutorialspoint.com>
- ❖ <https://php.net/>
- ❖ <https://getbootstrap.com/>
- ❖ <https://stackoverflow.com/>

Thank
you